

Title (en)

Hook for single-cylinder circular knitting or stocking machines with cylinder and circular or semicircular plate

Title (de)

Haken für Einzylinder-Rundstrickmaschine oder Strumpfstrickmaschine mit Zylinder und kreisförmigem oder halbkreisförmigem Nadelteller

Title (fr)

Crochet pour métier à tricoter circulaire à cylindre unique ou métier à tricoter des bas pourvu d'un cylindre et cadran circulaire ou semicirculaire

Publication

**EP 0814186 B1 20020130 (EN)**

Application

**EP 97109199 A 19970606**

Priority

IT MI961272 A 19960621

Abstract (en)

[origin: EP0814186A2] A hook (1) for single-cylinder circular knitting or stocking machines with cylinder and circular or semicircular plate. The hook (1) comprises an elongated and flat hook body (2) which has a claw-shaped longitudinal tip (3). The hook (1) also comprises an elastic-lamina element (4) which is associated with a lateral face of the hook body (2) and has a claw-shaped tip (5) which faces the claw-shaped tip (3) of the hook body (2). A passage (6) is formed between the lamina element (4) and the hook body (2) and is suitable to be crossed by a needle (7) of the knitting or stocking machine; the claw-shaped tip (5) of the lamina element (4) can flex elastically towards and away from the hook body (2), respectively to close the claw-shaped tip (3) of the hook body (2) and to allow the extraction of the needle (7) inserted in the passage (6) towards the claw-shaped tip (3) of the hook body (2). <IMAGE>

IPC 1-7

**D04B 15/02**; **D04B 9/56**

IPC 8 full level

**D04B 9/56** (2006.01); **D04B 15/02** (2006.01); **D04B 9/46** (2006.01); **D04B 15/06** (2006.01)

CPC (source: EP US)

**D04B 9/56** (2013.01 - EP US); **D04B 15/02** (2013.01 - EP US)

Cited by

EP0997564A3; EP1304408A1; EP1054089A3; US6223564B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0814186 A2 19971229**; **EP 0814186 A3 19981028**; **EP 0814186 B1 20020130**; CZ 180097 A3 19980114; CZ 292983 B6 20040114; DE 69710129 D1 20020314; DE 69710129 T2 20020718; IT 1284058 B1 19980508; IT MI961272 A0 19960621; IT MI961272 A1 19971221; JP 4149012 B2 20080910; JP H1053945 A 19980224; US 5855122 A 19990105

DOCDB simple family (application)

**EP 97109199 A 19970606**; CZ 180097 A 19970611; DE 69710129 T 19970606; IT MI961272 A 19960621; JP 16406697 A 19970620; US 87137797 A 19970609